

**\*102543\***

May-30-13 8:50:39 AM

**\*N900040100\***

Setup Start \*NS1\*

Stop \*NS2\*

**Start Date:** 5/30/13      **Start Qty:** 2.00      **\*2\***

**Cust Item ID:**

**Required Date:** 6/03/13      **Req'd Qty:** 2.00      **\*~\***

**Customer:**

**Reference:**

Approvals: Process Plan:                      Date:                      Tooling:                      Date:                     

Run Start \*NR1\*

**QC:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **SPC (Y/N):** \_\_\_\_\_ **Date:** \_\_\_\_\_

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

<b>Draw Nbr</b>	<b>Revision Nbr</b>
-----------------	---------------------

DSI 9510

B

100	0.00
-----	------

**\*100\***

DOCUMENT CONTROL

DC	Memo <i>10</i>	0.00
----	----------------	------

Document Control

Memo *M.H.* 0.00  
Photocopy bluefile & type labels per PPPD119-675-013 CHG001

DAS  
31  
9-33

13-12-10

24

MLA

110	Pick Kit	0.00
-----	----------	------

**\*110\***

## Pick Kit

## Packaging

## Memo

## Packaging

120	QC4- 100% Inspect kits for completeness	0.00
-----	---	------

\*120\*

QC

## Memo

## Quality Control

DAS  
31  
9-85

13-12-10

2x

13-12-5

24

# Work Order ID 102543

\*102543\*

Page 2

May-30-13 8:50:39 AM

Item ID: D119-675-013 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Maintenance Step  
 Start Date: 5/30/13 Start Qty: 2.00 \*2\* Cust Item ID:  
 Required Date: 6/03/13 Req'd Qty: 2.00 \*2\* Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Pick Kit	0.00							
*130*						2x	DAS 28 9-89	13-12-5	DAS 6 9-89
Packaging	Memo	0.00							
Packaging	Package as per PPPD119-675-013 Rev. A	76021							
140	QC21- Final Inspection - Work Order Release	0.00							
*140*									
QC	Memo	0.00							
Quality Control									

*Handwritten signature/initials*

*Handwritten date: 13-12-11*

# Picklist Print

May-30-13 8:50:38 AM

Page 1

Work Order ID: 102543

Parent Item: D119-675-013

Start Date: 5/30/13

Required Date: 6/03/13

Parent Item Name: Maintenance Step

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A NEW ISSUE 10-09-07 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4084-1		Manufactured	No			100	Each	4.0000	2	4		DAS 28 9-89	13-12-5
Maintenance Step													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST092		4							

ANS-7A		Purchased	No		85916	100	Each	127.0000	4	8		DAS 28 9-89	
Bolt													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST361		127							
				124215		8							
				124561		69							
				m125750		50							

ANS-11A		Purchased	No			100	Each	192.0000	4	8		DAS 28 9-89	
Bolt													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST362		92							
				123533		92							
				ST514		100							
				125388		100							

NAS1149D0563J		Purchased	No			100	Each	3,238.0000	8	16		DAS 28 9-89	
Washer													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST294		3147							
				123248		117							
				123355		30							
				m125807		3000							
				ST298		91							
				122452		91							

REFERENCE ONLY

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D119-675 REV. B AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D119-675 REV. 1  
REF. FAA STC: SR00948SE & EASA STC EASA.IM.R.S.01458

## INTRODUCTION

The purpose of this service instruction is to introduce the new D119-675-013 Maintenance Step Kit which consists of (2) maintenance step/tiedown brackets that are attached to the existing shipping hardpoints at STA 130 (3310mm) and WL 58 (1475mm). The D119-675-013 kit increases the area of the existing maintenance step for improved security and provides an additional tie down point for the aircraft.

## FINISH

**B** Before or after installation, prime and paint to match the aircraft paint scheme per the Aircraft Maintenance Manual.

## INSTALLATION

Install D119-675-013 Maintenance Step at the location shown in Figure 1, using (4) AN5 bolts. Apply a layer of Proseal 890 or MIL-S-8802 class B2 sealant between D4084-1 and aircraft skin. Torque bolts to 100-140 in-lb (11.3-15.8 Nm).

## WEIGHT & BALANCE

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D119-675-013 MAINTENANCE STEP KIT	1.06 lb 0.48 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	+ 130.3 in + 3.31 m	+ 138.1 in-lb + 1.59 m-kg

## PARTS LIST

ITEM	QTY -013-	PART NUMBER	DESCRIPTION
	X	D119-675-013	MAINTENANCE STEP KIT
1	2	D4084-1	MAINTENANCE STEP
2	4	AN5-7A	BOLT
3	4	AN5-11A	BOLT
4	8	NAS1149D0563J	WASHER (OR AN960JD516)

B	ADDED FINISH NOTE	MB	10.11.29
A	NEW ISSUE	RF	10.04.12
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	RF	PORT HADLOCK, WA	
CHECKED	DP	DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9510	SHEET 1 OF 2
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	STEP/TIEDOWN KIT	NTS
DATE	10.11.29	COPYRIGHT © 2010 BY DART AEROSPACE USA, INC.	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.			

# Work Order ID 102543

\*102543\*

Page 1

Item ID: D119-675-013

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Stop

\*NS2\*

Item Name: Maintenance Step

Start Date: 5/30/13 Start Qty: 2.00

\*2\*

Cust Item ID:

Required Date: 6/03/13 Req'd Qty: 2.00

\*2\*

Customer:

Reference:

Approvals:

Process Plan: *W*

Date:

Tooling:

Date:

Run Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

DSI 9510

B

100

0.00

\*100\*

DOCUMENT CONTROL

DC

Memo *M.H.*

0.00

Document Control

Photocopy bluefile & type labels per PPPD119-675-013 CHG001

*MLJ 13-12-06*

*2*

110

Pick Kit

0.00

\*110\*

Packaging

Memo

0.00

Packaging

*2x*

*13-12-5*

120

QC4- 100% Inspect kits for completeness

0.00

\*120\*

QC

Memo

0.00

Quality Control